

**ABSTRACT OF THE DISCLOSURE**

The present invention provides novel compounds and methods for using them to treat diseases with aminothiophene inhibitors of IKK- $\beta$  phosphorylation of I $\kappa$ B. In so doing these aminothiophene inhibitors block pathological activation of transcription factor NF- $\kappa$ B in which diseases excessive activation of NF- $\kappa$ B is implicated.